09-24-03

Attorney Docket No. 324758001US

2127

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as Express Mail No. EV335525024US in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: September 23, 2003

Sandy Reisman

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: GAIL A. ALVERSON ET AL.

APPLICATION NO.:

09/192,205

FILED:

NOVEMBER 13, 1998

FOR: **USER PROGRAM AND OPERATING** 

SYSTEM INTERFACE IN A

**MULTITHREADED ENVIRONMENT** 

EXAMINER: MAJID A. BANANKHAH

ART UNIT:

2127

CONF. NO:

9482

RECEIVED

SFP 2 9 2003

Technology Center 2100

## **Transmittal of Formal Drawings**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed are the 23 sheets of formal drawings, Figures 1-21.

No fees are believed due in connection with this response. However, if fees are due, the Commissioner is requested to charge them to Deposit Account No. 50-0665.

Respectfully submitted, Perkins Coie LLP

Maurice J. Pirio

Registration No. 33,273

**Correspondence Address:** 

Customer No. 25096
Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(206) 583-8888



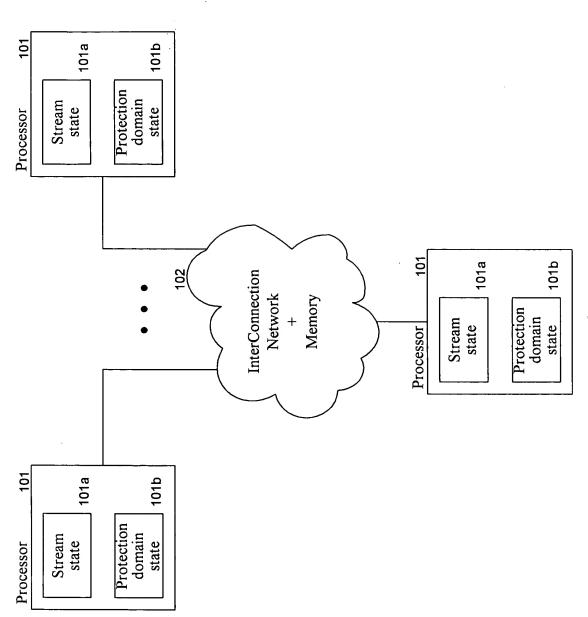
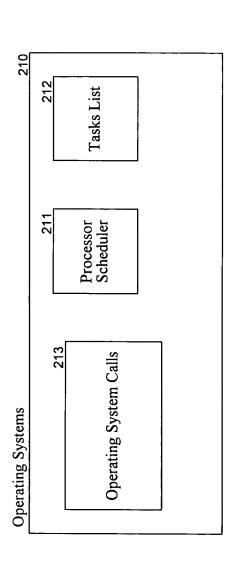


FIG. 1

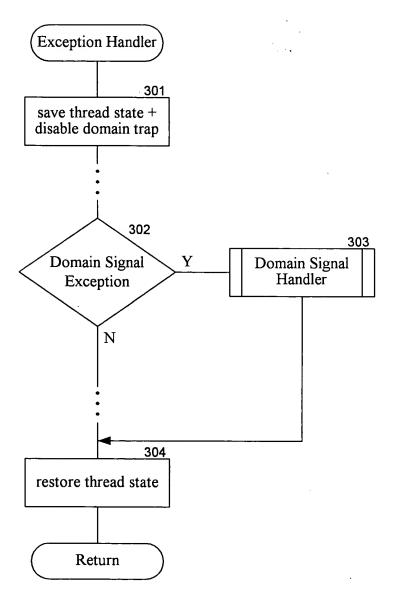


| 220          | 222          | 224 Thread list             |  |
|--------------|--------------|-----------------------------|--|
|              | User routine | 223<br>Virtual<br>processor |  |
|              | 221          |                             |  |
| User Program | User code    |                             |  |

FIG. 2

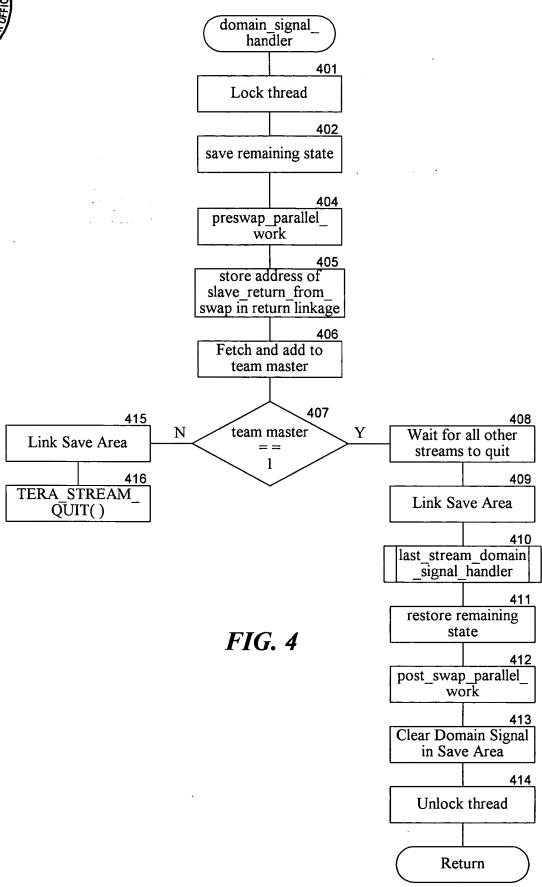
\*.~. ¥





*FIG. 3* 







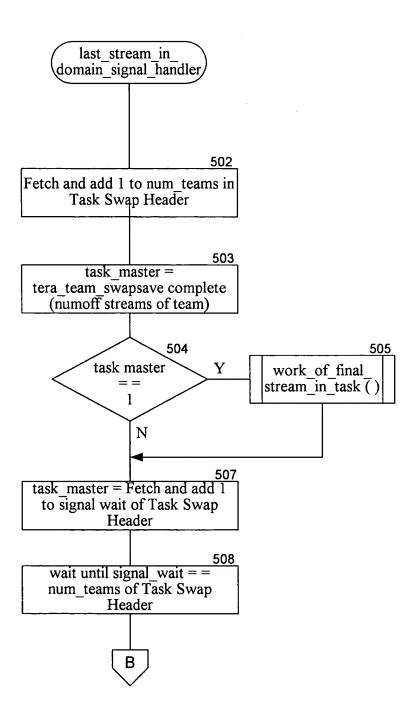
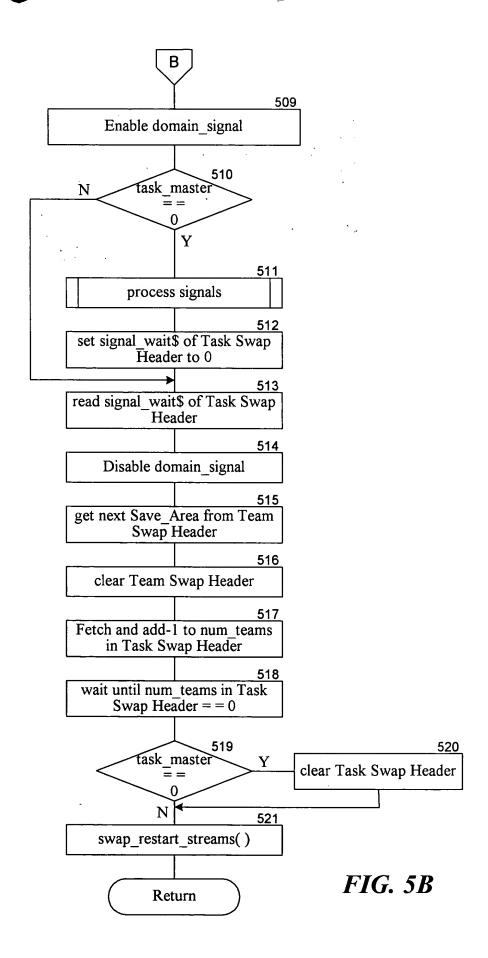
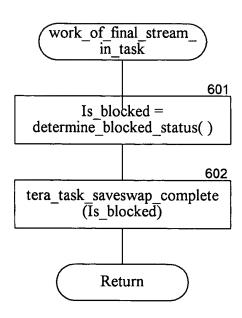


FIG. 5A



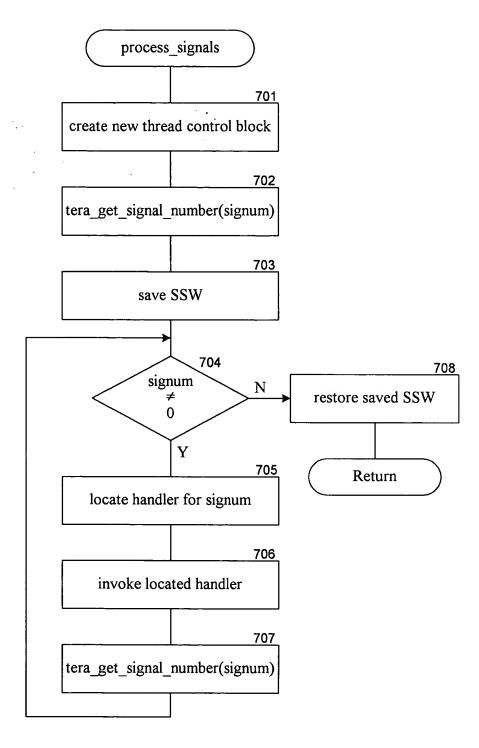






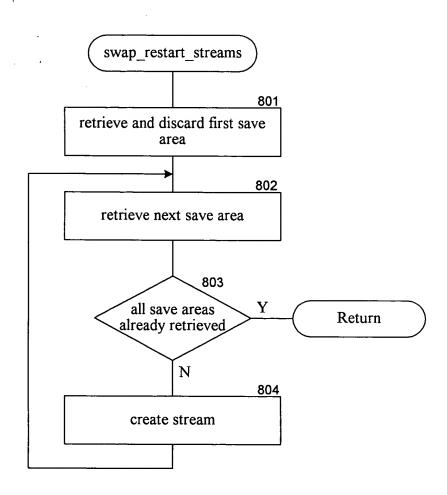
**FIG.** 6





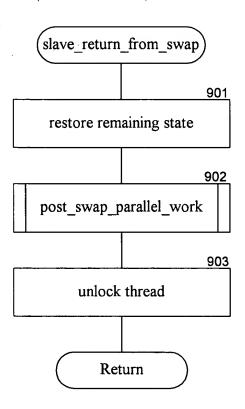
*FIG.* 7



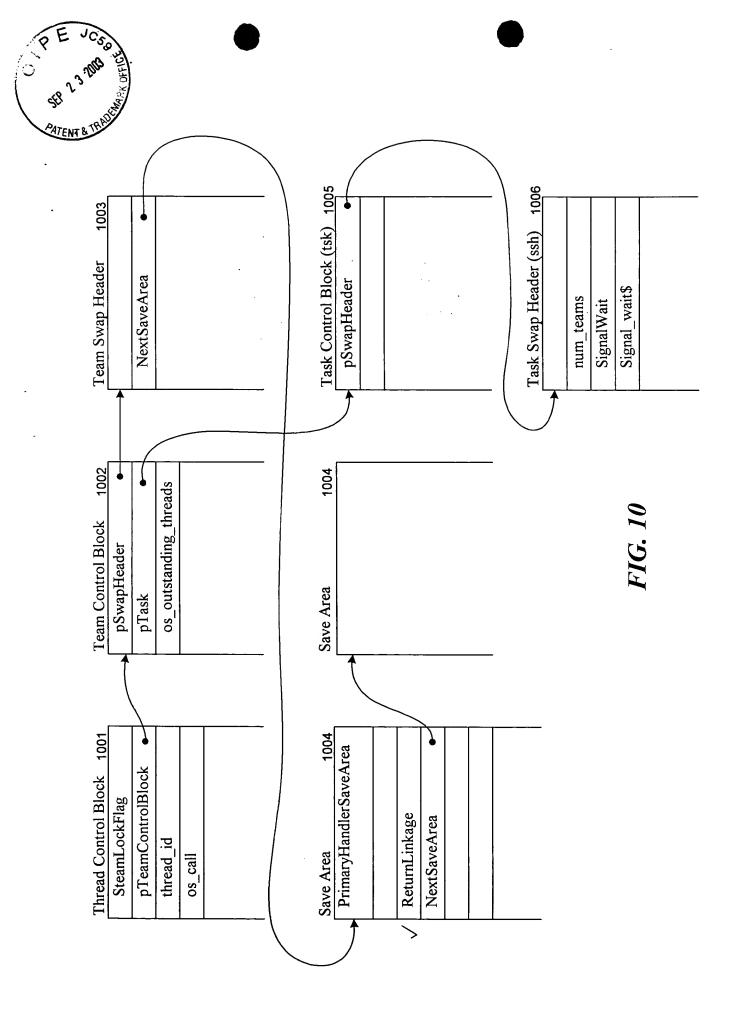


*FIG.* 8





*FIG.* 9





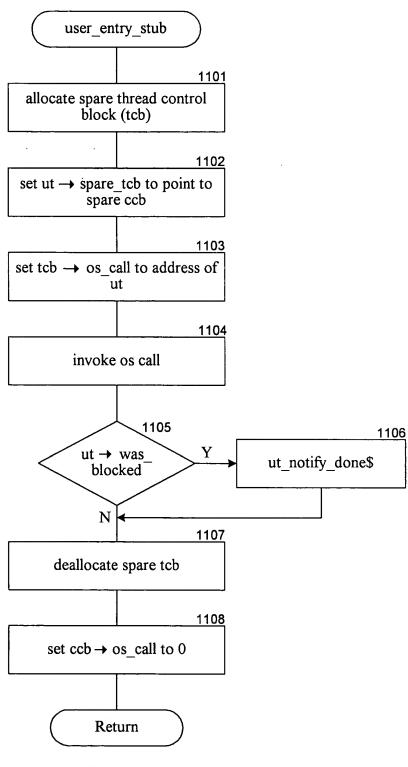


FIG. 11



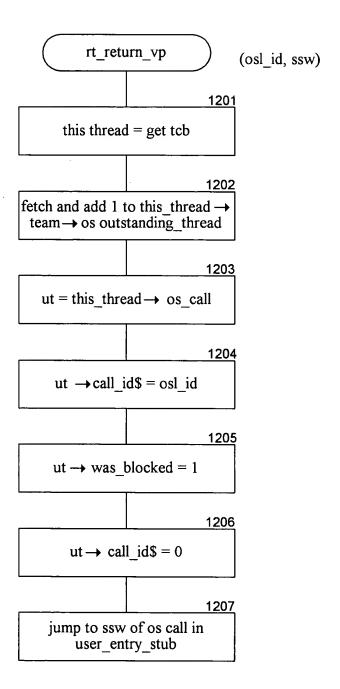


FIG. 12



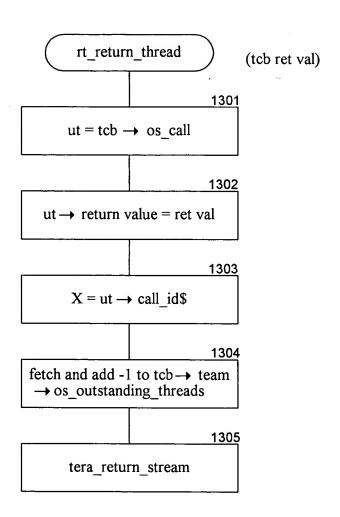


FIG. 13



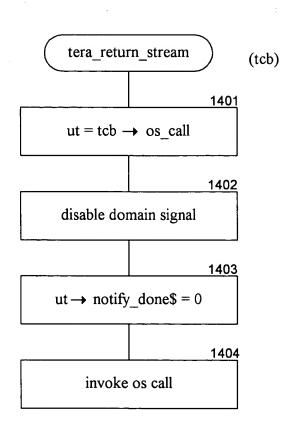


FIG. 14



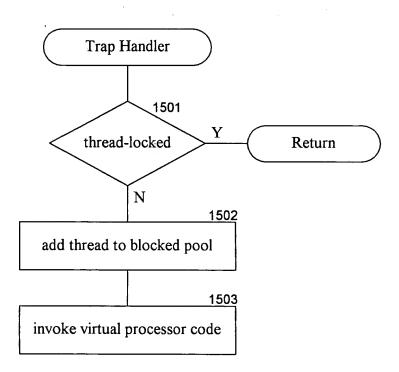
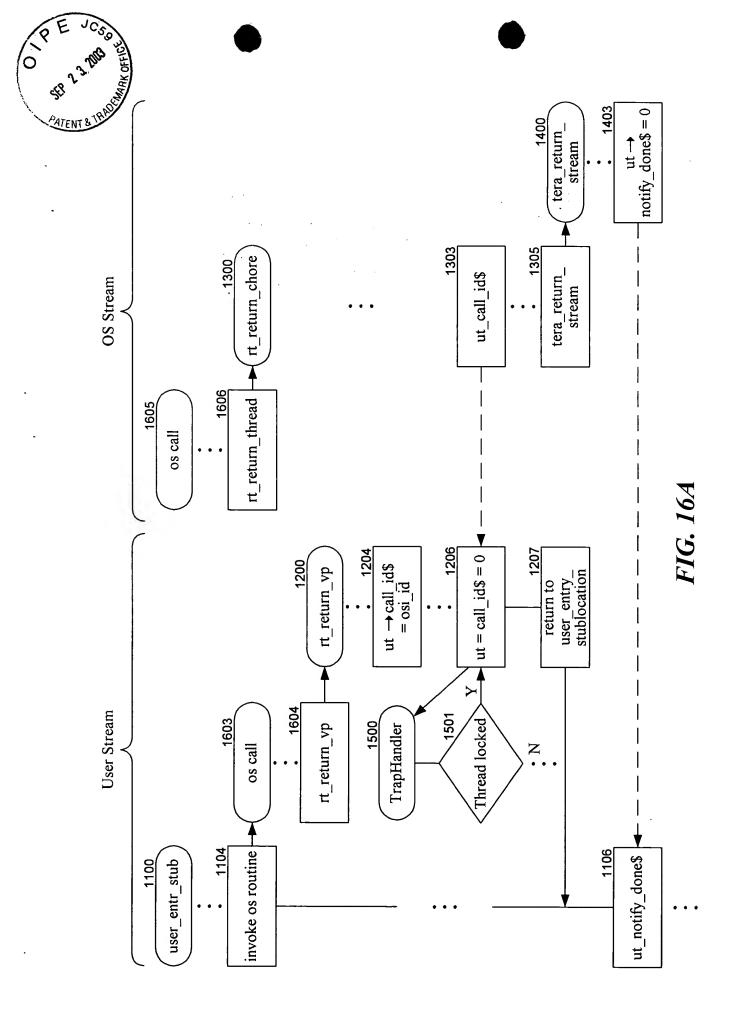


FIG. 15





| ut |               |  |
|----|---------------|--|
|    |               |  |
|    | was_blocked   |  |
|    | call_id\$     |  |
|    | notify_done\$ |  |
|    | spare_tab     |  |
|    | return value  |  |
|    |               |  |

Fig. 16B



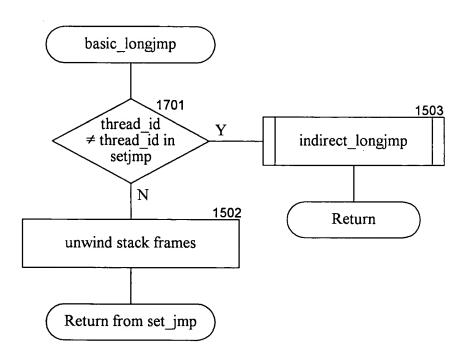


FIG. 17



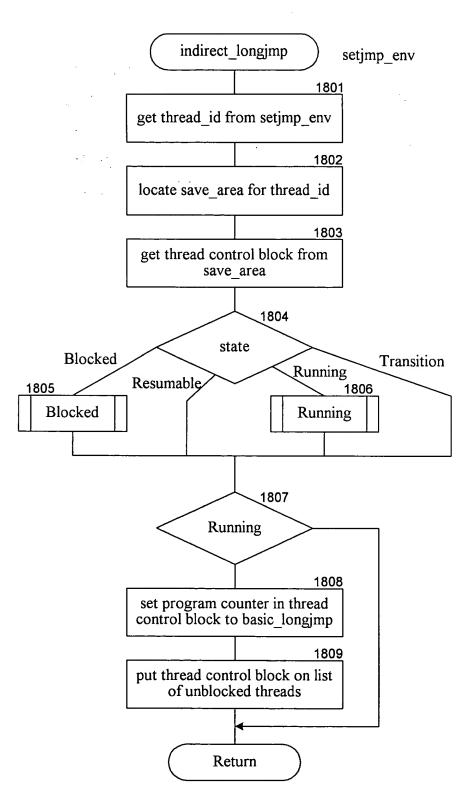


FIG. 18



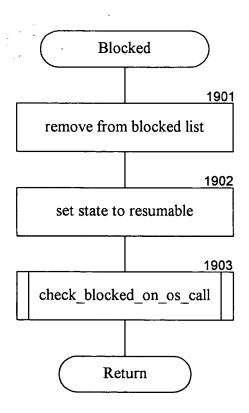


FIG. 19



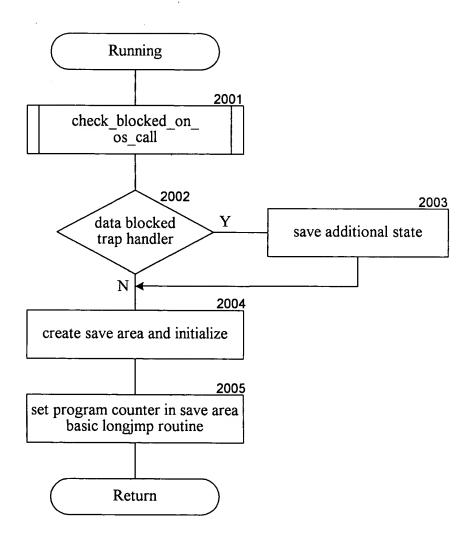


FIG. 20



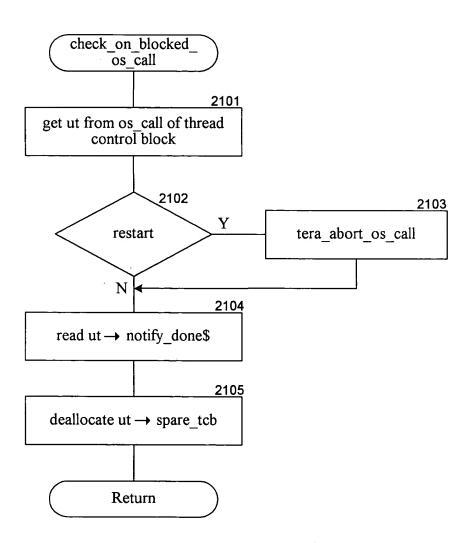


FIG. 21